

BW - 25

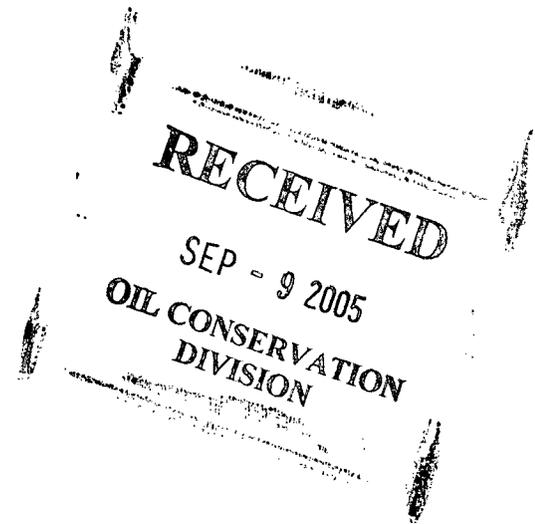
**MONITORING
REPORTS**

DATE:

2005/04

MW PLAN

September 6, 2005



NMOCD Environmental
ATTN: Wayne Price
P.O. Box 6429
1220 S. Saint Francis Drive
Santa Fe, NM 87504

RE: Salado Brine BW-025

Mr. Price:

As directed, Salado did attempt to drill and install a Monitor Well as your letter approved.

The well was advanced to a total depth of 50 feet, and was dry. The hole was then plugged. I took a soil sample at 20 feet which was at the top of a sand & gravel layer and also at TD, the analysis is attached.

Since we have no shallow water at this site, Salado will continue to monitor the offset water wells as earlier approved. Find within analytical, photos and log of well.

If you have any questions, please call.

Thanks,

A handwritten signature in cursive script that reads "Eddie W. Seay". The signature is written in black ink and has a long, sweeping underline that extends to the right.

Eddie W. Seay, Agent
Eddie Seay Consulting
601 W. Illinois
Hobbs, NM 88242
(505)392-2236
seay04@leaco.net



**ARDINAL
LABORATORIES**

PHONE (325) 673-7001 • 2111 BEECHWOOD • ABILENE, TX 79603

PHONE (505) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR
EDDIE SEAY CONSULTING
ATTN: EDDIE SEAY
601 W. ILLINIOS
HOBBS, NM 88242
FAX TO: (505) 392-6949

Receiving Date: 08/24/05
Reporting Date: 08/25/05
Project Owner: D. PRATHER
Project Name: SALADO BRINE
Project Location: JAL, NM

Sampling Date: 08/24/05
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: BC
Analyzed By: BC/AH

LAB NUMBER	SAMPLE ID	GRO (C ₆ -C ₁₀) (mg/Kg)	DRO (>C ₁₀ -C ₂₈) (mg/Kg)	Cl* (mg/Kg)
ANALYSIS DATE		08/24/05	08/24/05	08/25/05
H10110-1	MW-1-20	<10.0	<10.0	160
H10110-2	MW-1-50	<10.0	<10.0	24
Quality Control		796	781	980
True Value QC		800	800	1000
% Recovery		99.5	97.6	98.0
Relative Percent Difference		8.3	7.6	0.0

METHODS: TPH GRO & DRO: EPA SW-846 8015 M; Cl: Std. Methods 4500-ClB

*Analyses performed on 1:4 w:v aqueous extracts.

Benjamin A. Coole

Chemist

8/25/05

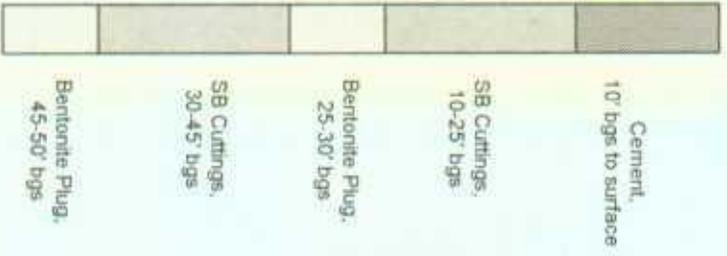
Date

H10110.XLS

Depth	Soil Column	Analytical Results	Petroleum Odor	Petroleum Stain	Soil Description
5		TPH GRO/DRO: <10.0 ppm Chl: 160 ppm	None	None	Caliche and Rock Layer, Dry
10		None	None	Soft Caliche, Dry	
15		None	None	Caliche and Sand, Dry	
20		TPH GRO/DRO: <10.0 ppm Chl: 160 ppm	None	None	Sand (SP) Red, Very Fine Grained, Well Sorted, Dry
25		None	None	None	Sand (SP) Red, Very Fine Grained, Well Sorted, Imbedded w/gravel, dry
30	None	None	None	Sand (SP) Red, Very Fine Grained, Well Sorted, Imbedded w/gravel and red clay, dry	
35	None	None	None	Sand (SP) Red, Very Fine Grained, Well Sorted, Imbedded w/ red clay, damp	
40	None	None	None	Red Bed clay, dry	
45	None	None	None	Red Bed clay, dry	
50	None	TPH GRO/DRO: <10.0 ppm Chl: 24 ppm	None	None	Red Bed clay, dry

Soil Boring Completion Data
 TD: 50 Feet bgs
 Installed 24 Aug 05
 Eddie Seay Consulting

Soil Boring Plugging Data



Prather
 Salado Brine
 SB-1
 Lea County, New Mexico
 GPS: 32 07 07N
 103 10 36W

TITLE	DESCRIPTION
Prather Salado Brine	SB-1
DRAWN BY	DATE
KAD	2 Aug 05

Rena Seay

From: "Price, Wayne" <WPrice@state.nm.us>
To: "Eddie Seay (E-mail)" <seay04@leaco.net>
Sent: Monday, May 23, 2005 9:48 AM
Subject: FW: Salado Brine sales BW-025 minor modification

> -----Original Message-----

> From: Price, Wayne
 > Sent: Monday, May 23, 2005 9:46 AM
 > To: Eddie Seay (E-mail); Paul Prather (E-mail)
 > Cc: Sheeley, Paul; Johnson, Larry
 > Subject: Salado Brine sales BW-025 minor modification

> Dear Mr. Prather and Seay:

> OCD is in receipt of the December 06, 2004 action plan for the above
 > referenced facility. OCD hereby approves of the plan with the following
 > conditions:

> 1. OCD recommends that the proposed monitor well be installed near the
 > southwest corner of the wash-out pit drying pad.

> 2. The new monitor well shall be developed, purged and sampled pursuant
 > to approved EPA methods. A geologic/lithologic log and well completion
 > diagram for the well shall be provided. The sample shall be initially
 > analyzed for BTEX (8021) and general chemistry. After initial sampling
 > this well shall be sampled twice a year including the other four wells
 > previously approved. These results shall be submitted in the annual
 > report.

> 3. Salado will notify the OCD Santa Fe office and the OCD District
 > office at least 72 hours in advance of all scheduled activities such that
 > the OCD has the opportunity to witness the events and/or split samples
 > during OCD's normal business hours.

> 4. Contamination found in any monitoring point that exceeds the Water
 > Quality Control Commission Regulation (WQCC) groundwater standards
 > shall require immediate corrective action. A corrective action plan shall
 > be submitted within 30 days of discovery.

> Please be advised that NMOCD approval of this plan does not relieve Salado
 > Brine Sales of liability should their operations fail to adequately
 > investigate and remediate contamination that pose a threat to ground
 > water, surface water, human health or the environment. In addition, NMOCD
 > approval does not relieve Salado Brine Sales of responsibility for
 > compliance with any other federal, state, or local laws and/or
 > regulations.

> Sincerely:

> Wayne Price
 > New Mexico Oil Conservation Division
 > 1220 S. Saint Francis Drive
 > Santa Fe, NM 87505
 > 505-476-3487
 > fax: 505-476-3462
 > E-mail: WPRICE@state.nm.us

5/23/2005

S20 T25S R37

CHAPARRAL SERVICE, INC.
SALADO BRINE WELL #2

API-30-025-32394

UNIT A SEC. 20 25S 37E

TELEPHONE 395-2010





505-390 4740

NM LIC # WD 1626

LOVINGTON, N.M.











December 6, 2004

NMOCD Environmental
ATTN: Wayne Price
Box 6429
1220 S. Saint Francis Drive
Santa Fe, NM 87504

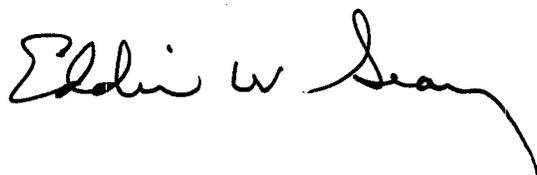
RE: Salado Brine #2 Station
Discharge Permit BW-025

Mr. Price:

Find attached action plan for Salado Brine facility as requested. Upon approval, Salado will begin making corrections as permitted.

We thank you for your consideration in this matter. If you have any questions, please call.

Sincerely,

A handwritten signature in cursive script that reads "Eddie W. Seay". The signature is written in black ink and is positioned above the typed name and contact information.

Eddie W. Seay, Agent
601 W. Illinois
Hobbs, NM 88242
(505)392-2236
e-mail: seay04@leaco.net

WORK PLAN
Salado Brine Sales BW-025

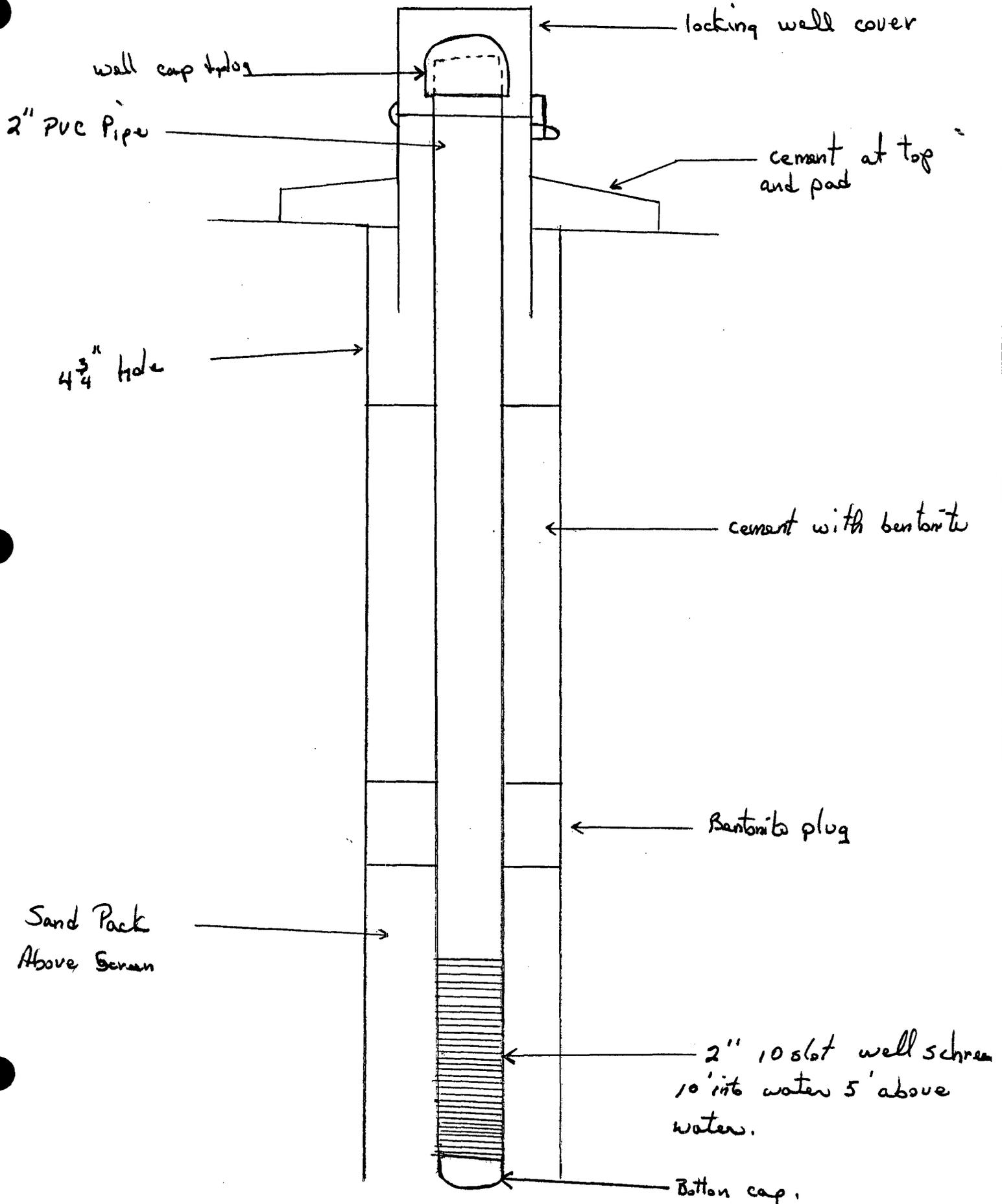
- 1) Salado has been in contact with a drilling company and is on the list to install a monitor well. I have enclosed a schematic of the proposed completion for your approval.

The MW is to be installed down gradient to the brine well and clean out pit. The ground water gradient in this area is SSW. (See plat of facility for proposed location.)

After monitor well is completed, the well will be developed and sampled according to EPA methods. Results will be sent to OCD with completion report. Salado will notify OCD prior to installing well and sampling.

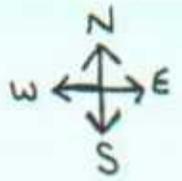
- 2) Salado will adhere to OCD Rule 116, and report and cleanup as required. Salado will do regular inspections of the facility and keep inspection sheets of all facility operations. (a sample of inspection sheet is attached.)
- 3) Salado is not aware of any leaks or spills that have occurred, but we have had an excessive amount of rain, which may be the cause of the OCD complaint for runoff of the site. It is Salado's plan to control runoff at its facility by constructing a berm on the SSW down gradient side of the facility. The berm will tie into the lined pit, any runoff will run down berm into pit and then will be vacuumed up and hauled to an OCD approved facility for disposal. (Note photo and berm on facility diagram.) Salado will conduct a soil sampling of this runoff area, and test for chloride. We will delineate both vertical and horizontal extent of contamination. Salado will file a cleanup plan with the OCD after testing. As OCD approves plan, Salado will move forward with remediation.
- 4) The leak detector for the wash-out pit was accidentally broken off and rain water was allowed to enter detection lateral. Salado has already cleaned out detection hole and installed new PVC pipe above ground with cap. We are building a guard around leak detection inspection pipe to prevent future accidents. We will continue to inspect system and keep free board down on wash-out pit. (Note photos.)

PROPOSED MONITOR WELL SCHEMATIC

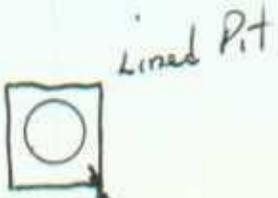


SALADO INSPECTION

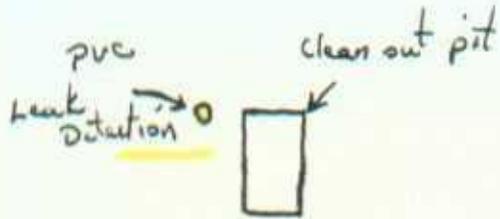
Inspector Name	Date of Inspection	Leak Detection Clean-out Pit	Monitor Well	Brine Well	Facility Inspection



Brine Well



Lined Pit

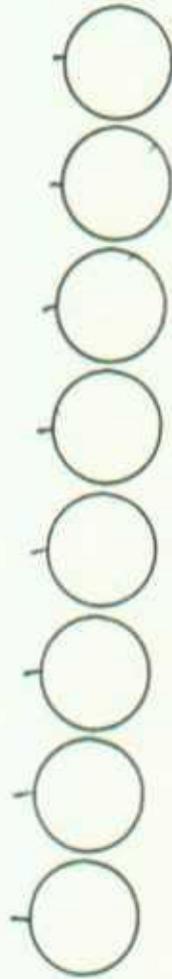


pvc

leak detection

clean out pit

Proposed Berms
for Run-off control



Loading Area

Proposed MW

water well



Brine
well
+
Clean
out
pit



Proposed
Monitored
well

Berm

area



Holding
Pit
for
Run
off



Leak
Detection
PVC



Clean
Out
Pit